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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Kinya KOBAYASHI, Kiyomi YOSHINARI and Atsushi OTAKE

Serial No: Not assigned

Filed: August 19, 2003

For: SYSTEM FOR ANALYZING COMPOUND STRUCTURE

03914 643545
PRO
08/19/03

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

Customer Number

000026021

Transmitted herewith for filing is the patent application identified above.

- 17 sheet(s) of drawings (formal informal) is(are) enclosed.
 22 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
 An assignment of the invention to Hitachi, LTD. and HITACHI HIGH-TECHNOLOGIES CORPORATION is enclosed will follow.
 An associate power of attorney is enclosed will follow.
 Applicant claims small entity status. See 37 CFR 1.27.
 Declaration and Power of Attorney is enclosed will follow.
 A certified copy of Japanese Patent Application No. 2002-356120 filed December 9, 2002 from which priority is claimed under 35 U.S.C. § 119 is enclosed.
 IDS enclosed (with 3 reference(s)).
 Preliminary Amendment is enclosed.
 Application data sheet is enclosed. See 37 CFR 1.76.
 Return postcard is enclosed.

CALCULATION OF FEES

ITEM	TOTAL NO. OF CLAIMS	NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	20	-20	0	LG=\$18 SM=\$9	\$18
B INDEPENDENT CLAIMS FEE*	6	-3	3	LG=\$84 SM=\$42	\$84
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)					252
D MULTIPLE-DEPENDENT CLAIMS FEE			LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140		\$ 0
E BASIC FEE			LARGE ENTITY FEE = \$750 SMALL ENTITY FEE = \$375		\$ 750
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)					\$ 1002
G ASSIGNMENT RECORDING FEE				\$ 40	\$ 40

*LIST INDEPENDENT CLAIMS 1, 14, 15, 16, 18 and 20.

- Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.
 A check in the amount of \$ 1002.00 to cover the filing fee is enclosed.
 A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.
 The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
 Any additional filing fees required under 37 C.F.R. 1.16
 Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,
HOGAN & HARTSON L.L.P.

By:

Lawrence J. McClure
Registration No. 44,228
Attorney for Applicant(s)

Date: August 19, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kinya KOBAYASHI et al.

Serial No: Not assigned

Filed: August 19, 2003

For: SYSTEM FOR ANALYZING COMPOUND STRUCTURE

Art Unit: Not assigned

Examiner: Not assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

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Date of Deposit: August 19, 2003

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$ 1002.00 as filing fee
- patent application (22 page(s) of specification; 20 claim(s); 1 page(s) of abstract
- 17 sheet(s) of formal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to HITACHI, LTD. and HITACHI HIGH-TECHNOLOGIES CORPORATION
- certified copy of Japanese patent application No. 2002-356120 which was filed December 9, 2002 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Information Disclosure Statement with 3 references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

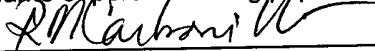
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Commissioner for Patents
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Date: August 19, 2003

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Roeshene Carbonilla

Name of person mailing papers



Signature